

Notice of Allowability

Application No.

10/687,417

Examiner

Cheryl Lewis

Applicant(s)

ESCHBACH ET AL.

Art Unit

2167

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the applicants communication received on December 27, 2006.
2. ☒ The allowed claim(s) is/are 1 and 12-25, renumbered as claims 1-15.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

1. Claims 1 and 12-25 are allowed. These claims have been renumbered as claims 1- 15. Claims 2-11 were cancelled in the amendment received on July 19, 2006.

Drawings

2. The drawings filed on October 16, 2003 are accepted by the Examiner.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael Nickerson on January 30, 2007:

4. Claim 1 has been amended as follows:

1. (Currently amended) A method for document viewing on a client-side device, comprising:

- (a) receiving, at a server, first user generated data communicated from the client-side device, the first user generated data including document data corresponding to a document to be viewed on the client-side device and client-side display device data corresponding to a client-side display device display capabilities;

(b) generating, at the server, a first image portion and a second image portion of the document to be viewed on the client-side device, the first image portion being a portion of the document corresponding to client-side display device data, the second image portion being a portion of the document corresponding to client-side display device data, the first image portion being intra-document to be viewed spatially related to the second image portion;

(c) generating, at the server, a split-bar image to indicate a visual separation between image portions;

(d) stitching, at the server, the first image portion, the second image portion, and the split-bar image to create a composite image;

(e) transmitting the composite image to the client-side device to be displayed by the client-side display device;

(f) receiving, at [a] the server, second user generated data communicated from the client-side device, the second user generated data including data relating to a new viewpoint of the document being viewed on the client-side display device;

(g) generating, at the server, a third image portion, the third image portion being a portion of the document corresponding to the new viewpoint of the document being viewed on the client-side display device;

(h) stitching, at the server, the first image portion, the third image portion, and the split-bar image to create a new composite image; and

(i) transmitting the new composite image to the client-side device to be displayed by the client-side display device.

REASONS FOR ALLOWANCE

5. The following is a statement of reasons for the indication of allowable subject matter:

Applicants' response filed on December 27, 2006 overcomes the prior art rejection under 35 USC § 102 by Wolton.

The prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements including 'stitching, at the server, the first image portion, the second image portion, and the split-bar image to create a composite image'; 'transmitting the composite image to the client-side device to be displayed by the client-side display device'; 'receiving, at the server, a second user generated data communicated from the client-side device, the second user generated data including data relating to a new viewpoint of the document being viewed on the client-side display device'; generating, at the server, a third image portion, the third image portion being a portion of the document corresponding to the new viewpoint of the document being viewed on the client-side display device'; 'stitching, at the server, the first image portion, the third image portion, and the split-bar image to create a new composite image'; and 'transmitting the new composite image to the client-side device to be displayed by the client-side display device' as recited in independent claim 1 and similarly recited in independent claims 14 and 20.

The remaining claims, 12, 13, 15-19, and 21-25 are dependent claims, thus these claims are patently distinct over the art of record for at least the above reasons.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CONCLUSION

6. The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure.

A. Burd et al. (U.S. Pat. No. 6,961,750 B1) discloses server-side control objects for processing client-side user interface elements;

B. Burd et al. (U.S. Pat. No. 6,792,607 B1) discloses databinding using server-side control objects;

C. Chang et al. (U.S. Pat. No. 6,035,324) discloses client-side asynchronous form management;

D. Hunt et al. (U.S. Pat. No. 6,501,472 B1) discloses a method and system for transmitting graphical images; and

E. Blumberg (U.S. 6,449,639 B1) discloses a method and system for client-less viewing of scalable documents displayed using internet imaging protocol commands.

NAME OF CONTACT

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on (571) 272-7079. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center (571) 272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

Art Unit: 2167

For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the

Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read "Cheryl Lewis". The signature is fluid and cursive, with a large initial "C" and "L".

Cheryl Lewis
Patent Examiner
January 30, 2007